PRODUCT INFORMATION

Target	PTN
Synonyms	HARP;HB-GAM;HBBM;HBGF-8;HBGF8;HBNF;HBNF-1;NEGF1;OSF-1
Description	Recombinant Human PTN Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P21246
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	PTN(Gly33-Asp168) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 41.4 kDa after removal of the signal peptide.The apparent molecular mass of PTN-hFc is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The protein encoded by this gene is a secreted heparin-binding growth factor. The protein has significant roles in cell growth and survival, cell migration, angiogenesis and tumorigenesis. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Oct 2016]
Usage	Research use only
Conjugate	Unconjugated

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Figure 1. Human PTN Protein, His Tag on SDS-PAGE under reducing condition.

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